NPL
Search History

```
Set      Items    Description
S1 227909  (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
           SUSPEN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?) (3N)
           (CONDITION? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
           STATUS?? OR TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2 864282  (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
           TWO -OR MORE(2N)ONE OR ADDITIONAL OR 2) (3N) (APPLICATION? ?
           OR PROGRAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR
           INSTRUCT? OR PROCESS? OR ORDER?)
S3    568678    S2(5N) (PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
           IMPLEMENT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
 S4    27304    S3(7N) (NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
           MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5 1116577  (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
           ORIGINAL? -OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)
           (3N) (DATA OR -INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6 873 S5(7N) (RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
           INCLU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
           TRANSMI?) (2N) (AGAIN OR RE))
S7      8    S1 AND S3:S4 AND S6
S8    3145191    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
           MICRO OR IC OR COMPUTER? OR SEMICONDUCTOR?) ()CHIP? ? OR
           CIRCUIT? OR IC OR CHIP? ?)
S9    349858    S8(7N) (BLOCK? ? OR REGION?? OR AREA? ? OR CELL OR
           CELLS OR UNIT OR UNITS)
S10    48    S9 AND S6
Sil    47    S10 NOT S7
S12    16    Sli AND S3
File 350:Derwent WPIX 1963-2007/UD=200743
        (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
        (c) 2007 JPO & JAPIO
```

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Set      Items    Description
S1      799393    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S2      146783    S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                  UNITS)
S3       11694    S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP?
OR A-
                  GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4       16815    S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM
OR
                  SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5      205569    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      292336    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S7      873662    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S8      510596    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       52380    S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10     100260    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11        888    S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND???
OR S-
                  ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR
ADD???
                  OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR
RE))
S12        824    S5(100N)S6(100N)S2
S13          2    S12(100N)(S7:S8(100N)S10(100N)S11)
S14        822    S12 NOT S13
S15      58876    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                  OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                  )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

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MI-
            CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHI
S16        63    S14(100N)S15
S17        40    S16 NOT (AD>1997 OR AD=1998:2007)
S18       759    S14 NOT S16
S19         1    S18(100N)S8(100N)S11
File 348:EUROPEAN PATENTS 1978-2007/ 200728
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
         (c) 2007 WIPO/Thomson
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Set      Items    Description
S1      205569    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2      873662    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S3      510596    S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       65037    S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5      719801    (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
ORIGINAL? -
                  OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
OR -
                  INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6        1147    S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                  LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
TRANSMI?)(2N-
                  )(AGAIN OR RE))
S7          15    S1(100N)S3:S4(100N)S6
S8          12    S7 NOT (AD>1997 OR AD=1998:2007)
S9      799393    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S10     146783    S9(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                  UNITS)
S11         16    S10(100N)S3(100N)S6
S12         11    S11 NOT S7
S13          6    S12 NOT (AD>1997 OR AD=1998:2007)
File 348:EUROPEAN PATENTS 1978-2007/ 200728
         (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
         (c) 2007 WIPO/Thomson
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Set      Items    Description
S1      406686    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2     2219376    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S3      704797    S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       22284    S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5     1551719    (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
ORIGINAL? -
                  OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
OR -
                  INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6          83    S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                  LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
TRANSMI?)(2N-
                  )(AGAIN OR RE))
S7           0    S1 AND S3:S4 AND S6
S8     2382655    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S9       96372    S8(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELL OR CELLS
OR
                  UNIT OR UNITS)
S10          0    S6 AND S9
S11          0    S6 AND S8
S12        906    S8 AND S1 AND S3:S4
S13         60    S12 AND S5:S6
S14         30    S13 NOT (PY>1997 OR PY=1998:2007)
S15         19    RD  (unique items)
File    2:INSPEC 1898-2007/Jul W1
          (c) 2007 Institution of Electrical Engineers
File    6:NTIS 1964-2007/Jul W3
          (c) 2007 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1884-2007/Jul W2
          (c) 2007 Elsevier Eng. Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2007/Jul W3
          (c) 2007 The Thomson Corp
File   35:Dissertation Abs Online 1861-2007/Jun
          (c) 2007 ProQuest Info&Learning
File   56:Computer and Information Systems Abstracts 1966-2007/Jul
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Set      Items     Description
S1       439364    (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                   T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                   ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       699666    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                   MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                   PROM OR EPROM OR EEPROM OR MOSFET)
S3        27183    S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-
                   UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4       710987    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                   FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                   OR INFO)
S5       228128    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                   EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                   ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                   TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6        36009    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                   ING OR DESPITE OR CONCURRENT? OR WHEN)
S7       864914    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                   OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                   RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                   ESS? OR ORDER?)
S8       569115    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                   NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       868436    (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                   ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                   ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10       40038    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                   MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11        3554    S1 AND S3
S12         101    S11 AND (S2 OR S4) AND S5:S6
S13       49568    (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
                   ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S14           3    S12 AND S8 AND S13
S15          29    S11 AND S9 AND S8 AND S10
S16          28    S15 NOT S14
S17          11    S16 AND AC=US/PR AND AY=(1998:2007)/PR
S18          16    S16 AND AC=US AND AY=1998:2007
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S19        15    S16 AND AC=US AND AY=(1998:2007)/PR
S20        27    S16 AND PY=1998:2007
S21        27    S17:S20
S22         1    S16 NOT S21
S23    137327    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
              OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
           )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
MI-
           CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
              OR IC OR CHI
S24        62    S23 AND S9 AND S8 AND S10
S25         3    S24 AND S5
S26         2    S25 NOT (S14 OR S21)
S27        73    S23 AND S11
S28       479    S23 AND (S2 OR S4) AND S5:S6
S29         2    S27 AND (S2 OR S4) AND S5:S6
S30        32    S14 OR S21 OR S25
S31         1    S29 NOT S30
File 350:Derwent WPIX 1963-2007/UD=200745
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
         (c) 2007 JPO & JAPIO
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Set      Items    Description
S1       410721   (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                  T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                  ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       292275   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                  MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                  PROM OR EPROM OR EEPROM OR MOSFET)
S3       30945    S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-
                  UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4       292570   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S5       205691   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       40803    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                  ING OR DESPITE OR CONCURRENT? OR WHEN)
S7       874052   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S8       510837   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       383699   (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                  ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                  ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10      107224   S7:S8(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER
OR
                  COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11      2204     S1(100N)S3
S12      94       S11(100N)(S2 OR S4)(100N)S5:S6
S13      65951    (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
                  ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S14      4        S12(100N)S8(100N)S13
S15      27       S11(100N)S9(100N)S8(100N)S10
S16      24       S15 NOT S14
S17      18       S16 NOT (AD>1997 OR AD=1998:2007)
S18      58908    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
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```
RESTOR? -
            OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
            )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
MI-
            CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                OR IC OR CHI
S19         3   S18(100N)(S11(100N)S9(100N)S8(100N)S10)
S20       154   S18(100N)S9(100N)S8(100N)S10
S21        27   S20(100N)S1
S22         9   S21(100N)S5
S23         0   S19 NOT (S14 OR S17)
S24         4   S22 NOT (S14 OR S17 OR S19)
File 348:EUROPEAN PATENTS 1978-2007/ 200729
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
        (c) 2007 WIPO/Thomson
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Set      Items    Description
S1       601627   (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                  T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                  ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       50471    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                  MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                  PROM OR EPROM OR EEPROM OR MOSFET)
S3       840      S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-
                  UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4       118880   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S5       403085   (WAIT???, OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       25734    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                  ING OR DESPITE OR CONCURRENT? OR WHEN)
S7       2221987  (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S8       705592   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       657016   (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                  ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                  ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10      68728    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11      26       S1 AND S3
S12      11       RD (unique items)
S13      39       S1 AND (S2 OR S4) AND S5:S6
S14      15       S13 NOT (PY>1997 OR PY=1998:2007)
S15      11       RD (unique items)
S16      39697    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                  OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                  )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

MI-
                   CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                OR IC OR CHI
S17   5116   (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
                ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S18   0   S16 AND S5 AND S8 AND S17 AND S9 AND (S10 OR S7:S8)
S19   48   S16 AND S9 AND (S10 OR S7:S8)
S20   ·   0   S19 AND S5
File   2:INSPEC 1898-2007/Jul W2
        (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2007/Jul W4
        (c) 2007 NTIS, Intl Cpyrght All Rights Res
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File   60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jul
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        (c) 2007 American Institute of Physics
File   65:Inside Conferences 1993-2007/Jul 19
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File   95:TEME-Technology & Management 1989-2007/Jul W3
        (c) 2007 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Jun
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File 111:TGG Natl.Newspaper Index(SM) 1979-2007/Jul 13
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File 144:Pascal 1973-2007/Jul W2
        (c) 2007 INIST/CNRS
File 239:Mathsci 1940-2007/Aug
        (c) 2007 American Mathematical Society
File 256:TecInfoSource 82-2007/Aug
        (c) 2007 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
        (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group

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Set      Items    Description
S1       799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S2       146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                  UNITS)
S3       11694    S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP?
OR A-
                  GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4       16815    S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM
OR
                  SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5       205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S7       873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S8       510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       52380    S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10      100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11      888      S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND???
OR S-
                  ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR
ADD???
                  OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR
RE))
S12      824      S5(100N)S6(100N)S2
S13      2        S12(100N)(S7:S8(100N)S10(100N)S11)
S14      822      S12 NOT S13
S15      58876    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                  OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                  )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

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MI-
           CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
               OR IC OR CHI
S16        63   S14(100N)S15
S17        40   S16 NOT (AD>1997 OR AD=1998:2007)
S18       759   S14 NOT S16
S19         1   S18(100N)S8(100N)S11
File 348:EUROPEAN PATENTS 1978-2007/ 200728
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
        (c) 2007 WIPO/Thomson
```

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Set      Items     Description
S1      2383178    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                   RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                   OR IC OR CHIP? ?)
S2        78908    S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                   UNITS)
S3         2663    S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP?
OR A-
                   GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4         3464    S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM
OR
                   SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5       406847    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                   EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                   ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                   TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       118763    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                   FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                   OR INFO)
S7      2219982    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                   OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                   RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                   ESS? OR ORDER?)
S8       704992    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                   NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9         4204    S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                   MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10       68634    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                   MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11          29    S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND???
OR S-
                   ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR
ADD???
                   OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR
RE))
S12           3    S5 AND S6 AND S4
S13        1498    S2:S3 AND S5
S14         115    S2:S3 AND S6 AND S4
S15           9    S14 AND S7:S8
S16           2    S15 AND S10
S17           0    S14 AND S9 AND S8 AND S10 AND S11
S18           0    S14 AND S11
S19           0    S13 AND S11
```

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S20          4    S1 AND S11
S21         13    S15:S20
S22          0    S1:S3 AND S4 AND S5 AND S6 AND S7:S8 AND S11
S23      32647    S1 AND S5
S24          0    23 AND S11
S25          0    S1:S3 AND S11 AND S10
S26         11    RD S21  (unique items)
File    2:INSPEC 1898-2007/Jul W1
          (c) 2007 Institution of Electrical Engineers
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          (c) 2007 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1884-2007/Jul W2
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File   35:Dissertation Abs Online 1861-2007/Jun
          (c) 2007 ProQuest Info&Learning
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File   60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jul
          (c) 2007 CSA.
File   62:SPIN(R) 1975-2007/Jul W1
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File   65:Inside Conferences 1993-2007/Jul 18
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          (c) 2007 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Jun
          (c) 2007 The HW Wilson Co.
File  111:TGG Natl.Newspaper Index(SM) 1979-2007/Jul 12
          (c) 2007 The Gale Group
File  144:Pascal 1973-2007/Jul W2
          (c) 2007 INIST/CNRS
File  239:Mathsci 1940-2007/Aug
          (c) 2007 American Mathematical Society
File  256:TecInfoSource 82-2007/Aug
          (c) 2007 Info.Sources Inc
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 2006 The Thomson Corp
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
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Set      Items     Description
S1      205569     (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                   EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                   ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR       .
STATUS?? OR
                   TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2      873662     (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                   OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                   RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                   ESS? OR ORDER?)
S3      510596     S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                   NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       65037     S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                 . MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5      719801     (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
ORIGINAL? -
                   OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
OR -
                   INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6        1147     S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                   LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
TRANSMI?)(2N-
                   )(AGAIN OR RE))
S7          15     S1(100N)S3:S4(100N)S6
S8          12     S7 NOT (AD>1997 OR AD=1998:2007)
S9      799393     (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                   RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                   OR IC OR CHIP? ?)
S10     146783     S9(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                   UNITS)
S11         16     S10(100N)S3(100N)S6
S12         11     S11 NOT S7
S13          6     S12 NOT (AD>1997 OR AD=1998:2007)
File 348:EUROPEAN PATENTS 1978-2007/ 200728
       ·  (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
          (c) 2007 WIPO/Thomson
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Set      Items    Description
S1      205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                 EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                 ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                 TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2      873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                 ESS? OR ORDER?)
S3      510596   S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       65037   S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5      719801   (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
ORIGINAL? -
                 OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
OR -
                 INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6        1147   S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                 LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
TRANSMI?)(2N-
                 )(AGAIN OR RE))
S7          15   S1(100N)S3:S4(100N)S6
S8          12   S7 NOT (AD>1997 OR AD=1998:2007)
S9      799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                 RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                 OR IC OR CHIP? ?)
S10     146783   S9(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                 UNITS)
S11         16   S10(100N)S3(100N)S6
S12         11   S11 NOT S7
S13          6   S12 NOT (AD>1997 OR AD=1998:2007)
File 348:EUROPEAN PATENTS 1978-2007/ 200728
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
        (c) 2007 WIPO/Thomson
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Set      Items    Description
S1      406686    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2     2219376    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ?.OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S3      704797    S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       22284    S3(7N)(NEXT OR LATER? OR.FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5     1551719    (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR
ORIGINAL? -
                  OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
OR -
                  INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6          83    S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                  LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
TRANSMI?)(2N-
                  )(AGAIN OR RE))
S7           0    S1 AND S3:S4 AND S6
S8     2382655    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S9       96372    S8(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELL OR CELLS
OR
                  UNIT OR UNITS)
S10          0    S6 AND S9
S11          0    S6 AND S8
S12        906    S8 AND S1 AND S3:S4
S13         60    S12 AND S5:S6
S14         30    S13 NOT (PY>1997 OR PY=1998:2007)
S15         19    RD  (unique items)
File     2:INSPEC 1898-2007/Jul W1
         (c) 2007 Institution of Electrical Engineers
File     6:NTIS 1964-2007/Jul W3
         (c) 2007 NTIS, Intl Cpyrght All Rights Res
File     8:Ei Compendex(R) 1884-2007/Jul W2
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File    34:SciSearch(R) Cited Ref Sci 1990-2007/Jul W3
         (c) 2007 The Thomson Corp
File    35:Dissertation Abs Online 1861-2007/Jun
         (c) 2007 ProQuest Info&Learning
File    56:Computer and Information Systems Abstracts 1966-2007/Jul
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Set      Items    Description
S1       439364   (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                  T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                  ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       699666   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                  MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                  PROM OR EPROM OR EEPROM OR MOSFET)
S3       27183    S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-  .
                  UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4       710987   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S5       228128   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                  ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       36009    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                  ING OR DESPITE OR CONCURRENT? OR WHEN)
S7       864914   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                  ESS? OR ORDER?)
S8       569115   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       868436   (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                  ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                  ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10      40038    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11      3554     S1 AND S3
S12      101      S11 AND (S2 OR S4) AND S5:S6
S13      49568    (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
                  ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S14      3        S12 AND S8 AND S13
S15      29       S11 AND S9 AND S8 AND S10
S16      28       S15 NOT S14
S17      11       S16 AND AC=US/PR AND AY=(1998:2007)/PR
S18      16       S16 AND AC=US AND AY=1998:2007
```

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S19        15    S16 AND AC=US AND AY=(1998:2007)/PR
S20        27    S16 AND PY=1998:2007
S21        27    S17:S20
S22         1    S16 NOT S21
S23    137327    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                 OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                 )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
MI-
                 CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                    OR IC OR CHI
S24        62    S23 AND S9 AND S8 AND S10
S25         3    S24 AND S5
S26         2    S25 NOT (S14 OR S21)
S27        73    S23 AND S11
S28       479    S23 AND (S2 OR S4) AND S5:S6
S29         2    S27 AND (S2 OR S4) AND S5:S6
S30        32    S14 OR S21 OR S25
S31         1    S29 NOT S30
File 350:Derwent WPIX 1963-2007/UD=200745
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
         (c) 2007 JPO & JAPIO
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Set       Items     Description
S1        601627    (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                    T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                    ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2        50471     (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                    MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                    PROM OR EPROM OR EEPROM OR MOSFET)
S3        840       S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-
                    UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4        118880    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                    FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                    OR INFO)
S5        403085    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                    EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                    ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                    TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6        25734     S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                    ING OR DESPITE OR CONCURRENT? OR WHEN)
S7        2221987   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                    OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                    RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                    ESS? OR ORDER?)
S8        705592    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                    NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9        657016    (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                    ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                    ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10       68728     S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                    MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11       26        S1 AND S3
S12       11        RD  (unique items)
S13       39        S1 AND (S2 OR S4) AND S5:S6
S14       15        S13 NOT (PY>1997 OR PY=1998:2007)
S15       11        RD  (unique items)
S16       39697     (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                    OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                    )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

MI-
          CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
          OR IC OR CHI
S17   5116   (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
          ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S18   0   S16 AND S5 AND S8 AND S17 AND S9 AND (S10 OR S7:S8)
S19   48   S16 AND S9 AND (S10 OR S7:S8)
S20   0   S19 AND S5
File   2:INSPEC 1898-2007/Jul W2
          (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2007/Jul W4
          (c) 2007 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1884-2007/Jul W2
          (c) 2007 Elsevier Eng. Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2007/Jul W4
          (c) 2007 The Thomson Corp
File   35:Dissertation Abs Online 1861-2007/Jul
          (c) 2007 ProQuest Info&Learning
File   56:Computer and Information Systems Abstracts 1966-2007/Jul
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File   62:SPIN(R) 1975-2007/Jul W1
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File   95:TEME-Technology & Management 1989-2007/Jul W3
          (c) 2007 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Jun
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File 111:TGG Natl.Newspaper Index(SM) 1979-2007/Jul 13
          (c) 2007 The Gale Group
File 144:Pascal 1973-2007/Jul W2
          (c) 2007 INIST/CNRS
File 239:Mathsci 1940-2007/Aug
          (c) 2007 American Mathematical Society
File 256:TecInfoSource 82-2007/Aug
          (c) 2007 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group

0625
```
              63  S16
         1450034  AD>1997
         1578867  AD=1998 : AD=2007
    S17      40  S16 NOT (AD>1997 OR AD=1998:2007)
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? ds

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Set      Items   Description
S1      799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR MIC-
                 RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                 OR IC OR CHIP? ?)
S2      146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT OR
                 UNITS)
S3       11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR A-
                 GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4       16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR
                 SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5      205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                 EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                 ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
                 TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
                 FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
                 OR INFO)
S7      873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                 ESS? OR ORDER?)
S8      510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       52380   S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10     100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11        888   S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND??? OR S-
                 ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR ADD???
                 OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR RE))
S12        824   S5(100N)S6(100N)S2
S13          2   S12(100N)(S7:S8(100N)S10(100N)S11)
S14        822   S12 NOT S13
S15      58876   (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR RESTOR? -
                 OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR REBUIL?-
                 )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR MI-
                 CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                 OR IC OR CHI
S16         63   S14(100N)S15
S17         40   S16 NOT (AD>1997 OR AD=1998:2007)
```
?
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES
? ds

```
Set      Items   Description
S1      799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR MIC-
                 RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                 OR IC OR CHIP? ?)
S2      146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT OR
                 UNITS)
```

```
S3      11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR A-
                GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4      16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR
                SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5     205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
                TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6     292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
                FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
                OR INFO)
S7     873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                ESS? OR ORDER?)
S8     510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9      52380   S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10    100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11       888   S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND??? OR S-
                ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR ADD???
                OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR RE))
S12       824   S5(100N)S6(100N)S2
S13         2   S12(100N)(S7:S8(100N)S10(100N)S11)
S14       822   S12 NOT S13
S15     58876   (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR RESTOR? -
                OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR REBUIL?-
                )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR MI-
                CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                OR IC OR CHI
S16        63   S14(100N)S15
S17        40   S16 NOT (AD>1997 OR AD=1998:2007)
? t 17/5,k/all
```

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******* HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog *******
ENTER PASSWORD:
 ******* HHHHHHHH SSSSSSSS? *******
Welcome to DIALOG

Status: Login successfulDialog level 05.17.01D

Last logoff: 12jul07 15:54:02
Logon file405 13jul07 07:33:42
                *** ANNOUNCEMENTS ***
                       ***
NEW FILES RELEASED
***BIOSIS Previews Archive (File 552)
***BIOSIS Previews 1969-2007 (File 525)
***Engineering Index Backfile (File 988)
***Trademarkscan - South Korea (File 655)

RESUMED UPDATING
***File 141, Reader's Guide Abstracts
                    ***
RELOADS COMPLETED
***Files 154 & 155, MEDLINE
***File 5, BIOSIS Previews - archival data added
***Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online
                      ***
DATABASES REMOVED

Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus
(File 302).
                    ***
 >>>For the latest news about Dialog products, services, content<<<
 >>>and events, please visit What's New from Dialog at <<<
 >>>http://www.dialog.com/whatsnew/. You can find news about<<<
 >>>a specific database by entering HELP NEWS <file number>.<<<
 * * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
                    *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

      /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 350,347
Terminal set to DLINK
                    *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

 Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

      /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?

        13jul07 07:33:42 User276825 Session D827.1
              $0.00   0.265 DialUnits FileHomeBase
      $0.00 Estimated cost FileHomeBase
      $0.00 Estimated cost this search
      $0.00 Estimated total session cost   0.265 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File 350:Derwent WPIX 1963-2007/UD=200743
          (c) 2007 The Thomson Corporation
File 350: DWPI has been enhanced to extend content and functionality
of the database. For more info, visit http://www.dialog.com/dwpi/.
   File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
          (c) 2007 JPO & JAPIO

       Set Items Description
       --- ----- -----------
? s (wait??? or idle? ? or idling or laten? or paus??? or suspen? or delay?
or hibernat? or schedul? or sleep?)(3n)(condition? or state or term? ? or
event? ? or phase? ? or status?? or time? ? or position? or cycle? or
period?)
>>>File 350 processing for POSITION? stopped at POSITIONIERWAGENANORDNUNG
Processing

Processing
```
        69511  WAIT???
        64376  IDLE? ?
        21702  IDLING
        91711  LATEN?
        14627  PAUS???
       455149  SUSPEN?
       314609  DELAY?
          469  HIBERNAT?
        55533  SCHEDUL?
        33601  SLEEP?
      1562851  CONDITION?
      2042989  STATE
       180430  TERM? ?
       131612  EVENT? ?
       814809  PHASE? ?
        91238  STATUS??
      3691492  TIME? ?
      3317772  POSITION?
       345027  CYCLE?
       841553  PERIOD?
S1     227909  (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
               SUSPEN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
               SLEEP?)(3N)(CONDITION? OR STATE OR TERM? ? OR EVENT? ? OR
               PHASE? ? OR STATUS?? OR TIME? ? OR POSITION? OR CYCLE? OR
               PERIOD?)
```
? s (second or secondary or test??? or 2nd or another? or two or more(2n)one
or additional or 2)(3n)(application? ? or program? or function? or task? ? or
command? or instruct? or process? or order?)
>>>File 350 processing for PROGRAM? stopped at PROGRAMMIERUNGSMEDIUM
Processing
Processing
Processing
Processing
Processing
```
      2690507  SECOND
       369388  SECONDARY
       861419  TEST???
       180750  2ND
      1059938  ANOTHER?
      3332323  TWO
      2087178  MORE
      5803313  ONE
       675072  MORE(2N)ONE
       457039  ADDITIONAL
     10030586  2
      1142282  APPLICATION? ?
       726352  PROGRAM?
      1298084  FUNCTION?
        37571  TASK? ?
       426049  COMMAND?
       280409  INSTRUCT?
      4932989  PROCESS?
       967062  ORDER?
S2     864282  (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO
               OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
               PROGRAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT?
```

```
                   OR PROCESS? OR ORDER?)
? s s2(5n)(process? or execut? or handl? or operat? or implement? or enact?
or perform? or run or runs or running)
Processing
Processing
          864282   S2
         4932989.  PROCESS?
          640488   EXECUT?
          571594   HANDL?
         4100221   OPERAT?
          243844   IMPLEMENT?
             411   ENACT?
         2449078   PERFORM?
          199055   RUN
           87338   RUNS
          308272   RUNNING
   S3     568678   S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
                   IMPLEMENT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR
                   RUNNING)
? s s3(7n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)
          568678   S3
          397462   NEXT
          459856   LATER?
         1572673   FOLLOW?
          746800   ENSU???
         2424123   AFTER
           88232   COMING
          429178   SUBSEQUEN?
          278533   CONSEQUENT?
             349   FORTHCOMING
   S4      27304   S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
                   COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
? s (one or first? or 1st or primary or initial? or original? or leadoff? or
1 or main or chief or introduct?)(3n)(data or info or information or result?
or output?)
Processing
Processing
Processing
Processing
Processing
         5803313   ONE
         2992183   FIRST?
          187699   1ST
          332775   PRIMARY
          454897   INITIAL?
          305773   ORIGINAL?
               8   LEADOFF?
        12221189   1
         1264979   MAIN
            3010   CHIEF
          128943   INTRODUCT?
         2041280   DATA
             837   INFO
         2254854   INFORMATION
         1775425   RESULT?
         2559813   OUTPUT?
```

```
      S5  1116577   (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL?
                    OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
                    OR INFO OR INFORMATION OR RESULT? OR OUTPUT?)
? s s5(7n)(reload? or re()load??? or (load??? or add??? or inclu? or supply?
or send??? or deliver? or sent or transmi?)(2n)(again or re))
Processing
Processing
          1116577   S5
             7654   RELOAD?
           217138   RE
          1249202   LOAD???
              726   RE(W)LOAD???
          1249202   LOAD???
          1621605   ADD???
          6017674   INCLU?
          1563475   SUPPLY?
           368516   SEND???
           443332   DELIVER?
           316468   SENT
          2308215   TRANSMI?
           225581   AGAIN
           217138   RE
            24146   (((((((LOAD??? OR ADD???) OR INCLU?) OR SUPPLY?) OR
                    SEND???) OR DELIVER?) OR SENT) OR TRANSMI?)(2N)(AGAIN OR
                    RE)
      S6      873   S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
                    INCLU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
                    TRANSMI?)(2N)(AGAIN OR RE))
? ds

Set     Items   Description
S1     227909   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
                TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2     864282   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                ESS? OR ORDER?)
S3     568678   S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4      27304   S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5    1116577   (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? -
                OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA OR -
                INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6        873   S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR INC-
                LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR TRANSMI?)(2N-
                )(AGAIN OR RE))
?
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES
? ds

Set     Items   Description
S1     227909   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
```

```
                  TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2      864282    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                  RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                  ESS? OR ORDER?)
S3      568678    S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4       27304    S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5     1116577    (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? -
                  OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA OR -
                  INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6         873    S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR INC-
                  LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR TRANSMI?)(2N-
                  )(AGAIN OR RE))
? s s1 and s3:s4 and s6
          227909  S1
          568678  S3:S4
             873  S6
     S7       8   S1 AND S3:S4 AND S6
```

Trying 31060000009999...Open

/H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 348,349
Terminal set to DLINK
                  *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1. Announcements (new files, reloads, etc.)
  2. Database, Rates, & Command Descriptions
  3. Help in Choosing Databases for Your Topic
  4. Customer Services (telephone assistance, training, seminars, etc.)
  5. Product Descriptions

Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

/H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?

        16jul07 07:34:33 User276825 Session D830.1
             $0.00   0.255 DialUnits FileHomeBase
     $0.00 Estimated cost FileHomeBase
     $0.00 Estimated cost this search
     $0.00 Estimated total session cost   0.255 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File 348:EUROPEAN PATENTS 1978-2007/ 200728
          (c) 2007 European Patent Office
*File 348: For important information about IPCR/8 and forthcoming
changes to the IC= index, see HELP NEWSIPCR.
   File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
          (c) 2007 WIPO/Thomson
*File 349: For important information about IPCR/8 and forthcoming
changes to the IC= index, see HELP NEWSIPCR.

        Set Items Description
        --- ----- -----------
? s (wait??? or idle? ? or idling or laten? or paus??? or suspen? or delay?
or hibernat? or schedul? or sleep?)(3n)(condition? or state or term? ? or
event? ? or phase? ? or status?? or time? ? or position? or cycle? or
period?)

```
>>>File 348 processing for POSITION? stopped at POSITIONIERUNGSEINSTELLUNG
Processing
Processing
>>>File 349 processing for SUSPEN? stopped at SUSPENSION1S
>>>File 349 processing for POSITION? stopped at POSITIONIERSTRECKEN
>>>File 349 processing for PERIOD? stopped at PERIODWAS
Processing
Processing
          108961   WAIT???
           56855   IDLE? ?
            8655   IDLING
           65819   LATEN?
           28430   PAUS???
          444271   SUSPEN?
          259727   DELAY?
             954   HIBERNAT?
           84927   SCHEDUL?
           30716   SLEEP?
         1116059   CONDITION?
         1004225   STATE
          814920   TERM? ?
          542570   EVENT? ?
         1478007   PHASE? ?
          152848   STATUS??
         1576070   TIME? ?
         1285450   POSITION?
          413509   CYCLE?
          796078   PERIOD?
     S1   205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
                   SUSPEN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
                   SLEEP?)(3N)(CONDITION? OR STATE OR TERM? ? OR EVENT? ? OR
                   PHASE? ? OR STATUS?? OR TIME? ? OR POSITION? OR CYCLE? OR
                   PERIOD?)
? s (second or secondary or test??? or 2nd or another? or two or more(2n)one
or additional or 2)(3n)(application? ? or program? or function? or task? ? or
command? or instruct? or process? or order?)
>>>File 348 processing for PROGRAM? stopped at PROGRAMMFUNKTIONSTASTEN
Processing
Processing
Processing
Processing
Processing
Processing
>>>File 349 processing for ANOTHER? stopped at ANOTHERPHARMACEUTICALLY
>>>File 349 processing for PROGRAM? stopped at PROGRAMMGESTEUERTEN
>>>File 349 processing for FUNCTION? stopped at FUNCTIONLAAA
>>>File 349 processing for PROCESS? stopped at PROCESSINGBEGINSFOREACHPERIO
   D
Processing
Processing
Processing
Processing
Processing
Processing
         1484241   SECOND
          293002   SECONDARY
          672623   TEST???
```

```
         67202   2ND
       1475113   ANOTHER?
       1694812   TWO
       1712167   MORE
       2164601   ONE
        990776   MORE(2N)ONE
        885882   ADDITIONAL
       2438864   2
       3006267   APPLICATION? ?
        448794   PROGRAM?
       1098923   FUNCTION?
        136031   TASK? ?
        458864   COMMAND?
        266853   INSTRUCT?
       1517996   PROCESS?
       1329578   ORDER?
   S2   873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
                 PROGRAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT?
                 OR PROCESS? OR ORDER?)
```

? s s2(5n)(process? or execut? or handl? or operat? or implement? or enact?
or perform? or run or runs or running)
>>>File 348 processing for OPERAT? stopped at OPERATIONSUNTIL
Processing
Processing
>>>File 349 processing for PROCESS? stopped at PROCESSINGBEGINSFOREACHPERIO
  D
>>>File 349 processing for HANDL? stopped at HANDLLNST
>>>File 349 processing for OPERAT? stopped at OPERATIONOFTHEMEMORYMODULESIO
  8
Processing

```
        873662   S2
       1517996   PROCESS?
        317079   EXECUT?
        439604   HANDL?
       1348670   OPERAT?
        439738   IMPLEMENT?
          2687   ENACT?
       1147062   PERFORM?
        306327   RUN
        133362   RUNS
        239044   RUNNING
   S3   510596   S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
                 IMPLEMENT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR
                 RUNNING)
```

? s s3(7n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)
>>>File 349 processing for FOLLOW? stopped at FOLLOWINGMUTAGENESISTHECELLSW
  EREALLOWEDTORECOV
Processing

```
        510596   S3
        615135   NEXT
        761203   LATER?
       1531776   FOLLOW?
        653589   ENSU???
       1395014   AFTER
        122729   COMING
```

```
        740793  SUBSEQUEN?
        422128  CONSEQUENT?
          3061  FORTHCOMING
   S4    65037  S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
                COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
? s (one or first? or 1st or primary or initial? or original? or leadoff? or
1 or main or chief or introduct?)(3n)(data or info or information or result?
or output?)
Processing
Processing
Processing
Processing
Processing
>>>File 349 processing for FIRST? stopped at FIRSTJAW8ORELATIVETOTHESECONDJ
   AW5O
>>>File 349 processing for INITIAL? stopped at INITIALNETWORK1
>>>File 349 processing for RESULT? stopped at RESULTRA
>>>File 349 processing for OUTPUT? stopped at OUTPUTUNIT201
Processing
Processing
Processing
Processing
Processing
Processing
       2164601  ONE
       2047747  FIRST?
         28904  1ST
        411685  PRIMARY
        723074  INITIAL?
        676537  ORIGINAL?
             9  LEADOFF?
       3249450  1
        522796  MAIN
          7571  CHIEF
        282592  INTRODUCT?
        810441  DATA
         14042  INFO
        723381  INFORMATION
       1559992  RESULT?
        609360  OUTPUT?
   S5   719801  (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL?
                OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA
                OR INFO OR INFORMATION OR RESULT? OR OUTPUT?)
? s s5(7n)(reload? or re()load??? or (load??? or add??? or inclu? or supply?
or send??? or deliver? or sent or transmi?)(2n)(again or re))
>>>File 348 processing for TRANSMI? stopped at TRANSMITTERFREISETZUNGEN
Processing
>>>File 349 processing for INCLU? stopped at INCLUDESAMATINGCONNECTOR4LO
>>>File 349 processing for TRANSMI? stopped at TRANSMISSIONSRNESSUNGEN
Processing
Processing
        719801  S5
         10972  RELOAD?
        498468  RE
        602178  LOAD???
          1464  RE(W)LOAD???
        602178  LOAD???
```

```
        968399  ADD???
       1641783  INCLU?
        520000  SUPPLY?
        277806  SEND???
        420779  DELIVER?
        235754  SENT
        626140  TRANSMI?
        628616  AGAIN
        498468  RE
         50663  ((((((((LOAD??? OR ADD???) OR INCLU?) OR SUPPLY?) OR
                 SEND???) OR DELIVER?) OR SENT) OR TRANSMI?)(2N)(AGAIN OR
                 RE)
   S6     1147  S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
                 INCLU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR
                 TRANSMI?)(2N)(AGAIN OR RE))
? ds

Set     Items   Description
S1     205569  (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                 EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                 ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
                 TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S2     873662  (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                 ESS? OR ORDER?)
S3     510596  S2(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S4      65037  S3(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S5     719801  (ONE OR FIRST? OR 1ST OR PRIMARY OR INITIAL? OR ORIGINAL? -
                 OR LEADOFF? OR 1 OR MAIN OR CHIEF OR INTRODUCT?)(3N)(DATA OR -
                 INFO OR INFORMATION OR RESULT? OR OUTPUT?)
S6      1147   S5(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR INC-
                 LU? OR SUPPLY? OR SEND??? OR DELIVER? OR SENT OR TRANSMI?)(2N-
                 )(AGAIN OR RE))
? s s1(100n)s3:s4(100n)s6
        205569  S1
        510596  S3:S4
          1147  S6
   S7      15  S1(100N)S3:S4(100N)S6
? s s7 not (ad>1997 or ad=1998:2007)
>>>File 348 processing for AD=1997 : AD=|
>>>    started at AD=000000 stopped at AD=020417
>>>File 348 processing for AD=1998 : AD=2007
>>>    started at AD=000000 stopped at AD=030416
>>>File 349 processing for AD=1997 : AD=|
>>>    started at AD=19970101 stopped at AD=20020625
Processing
>>>File 349 processing for AD=1998 : AD=2007
>>>    started at AD=19980101 stopped at AD=20030625
            15  S7
       1450034  AD>1997
       1578867  AD=1998 : AD=2007
   S8      12  S7 NOT (AD>1997 OR AD=1998:2007)
? t 8/5,k/all
```

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******* HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog *******
ENTER PASSWORD:
 ******* HHHHHHHH SSSSSSSS? *******
Welcome to DIALOG

Status: Login successfulDialog level 05.17.01D

Last logoff: 19jul07 15:16:02
Logon file405 20jul07 06:00:23
                *** ANNOUNCEMENTS ***
                        ***
NEW FILES RELEASED
***BIOSIS Previews Archive (File 552)
***BIOSIS Previews 1969-2007 (File 525)
***Engineering Index Backfile (File 988)
***Trademarkscan - South Korea (File 655)

RESUMED UPDATING
***File 141, Reader's Guide Abstracts
                        ***
RELOADS COMPLETED
***File 156, ToxFile
***Files 154 & 155, MEDLINE
***File 5, BIOSIS Previews - archival data added
***Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online
                        ***
DATABASES REMOVED

Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus
(File 302).
                        ***
 >>>For the latest news about Dialog products, services, content<<<
 >>>and events, please visit What's New from Dialog at <<<
 >>>http://www.dialog.com/whatsnew/. You can find news about<<<
 >>>a specific database by entering HELP NEWS <file number>.<<<
 * * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
                        *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1.   Announcements (new files, reloads, etc.)
  2.   Database, Rates, & Command Descriptions
  3.   Help in Choosing Databases for Your Topic
  4.   Customer Services (telephone assistance, training, seminars, etc.)
  5.   Product Descriptions

 Connections:
  6.   DIALOG(R) Document Delivery

7. Data Star(R)

        (c) 2003 Dialog, a Thomson business.

          /H = Help   '   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b 350,347
Terminal set to DLINK
                        *** DIALOG HOMEBASE(SM) Main Menu ***

  Information:
   1. Announcements (new files, reloads, etc.)
   2. Database, Rates, & Command Descriptions
   3. Help in Choosing Databases for Your Topic
   4. Customer Services (telephone assistance, training, seminars, etc.)
   5. Product Descriptions

  Connections:
   6. DIALOG(R) Document Delivery
   7. Data Star(R)

        (c) 2003 Dialog, a Thomson business.

          /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?

        20jul07 06:00:25 User276825 Session D845.1
              $0.00   0.257 DialUnits FileHomeBase
      $0.00   Estimated cost FileHomeBase
      $0.00   Estimated cost this search
      $0.00   Estimated total session cost   0.257 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File 350:Derwent WPIX 1963-2007/UD=200745
          (c) 2007 The Thomson Corporation
*File 350: DWPI has been enhanced to extend content and functionality
of the database. For more info, visit http://www.dialog.com/dwpi/.
   File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
          (c) 2007 JPO & JAPIO

      Set Items Description
      --- ----- -----------
?
?
? s (plural? or multi? or several or many or group? or aggregat? or numerous
or cluster? or various)(5n)(block? ? or region?? or area? ? or cells or unit
or units)

>>>File 350 processing for MULTI? stopped at MULTIDOTS
Processing
Processing
>>>File 347 processing for MULTI? stopped at MULTIPIPES
```
        1899445  PLURAL?
         582558  MULTI?
         715872  SEVERAL
         207940  MANY
        1331374  GROUP?
         107117  AGGREGAT?
          31004  NUMEROUS
          31093  CLUSTER?
         641174  VARIOUS
        1405569  BLOCK? ?
         855071  REGION??
        1497217  AREA? ?
         352267  CELLS
        2803537  UNIT·
         959379  UNITS
    S1   439364  (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
                 AGGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK?
                 ? OR REGION?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
```
? s (save? ? or saving or store? ? or keep??? or storing)(7n)(memor? or
storag? or EDRAM or RAM or ROM or DRAM or SDRAM or PROM or EPROM or EEPROM or
MOSFET)
Processing
```
         134754  SAVE? ?
         205280  SAVING
        1399196  STORE? ?
         338156  KEEP???
         680854  STORING
        1119107  MEMOR?
        1306468  STORAG?
            144  EDRAM
         130899  RAM
          88175  ROM
          32784  DRAM
           4670  SDRAM
           5096  PROM
           8178  EPROM
          19957  EEPROM
          35792  MOSFET
    S2   699666  (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
                 STORING)(7N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR
                 DRAM OR SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
```
? s s2(5n)(configur? or preconfig? or pre()config? or set???()up? ? or
arrang? or orient? or parameter?)
Processing
```
         699666  S2
         591866  CONFIGUR?
            424  PRECONFIG?
         319621  PRE
         592445  CONFIG?
            939  PRE(W)CONFIG?
        2376480  SET???
        1815669  UP? ?
         137108  SET???(W)UP? ?
```

```
          2557109   ARRANG?
           331770   ORIENT?
           295139   PARAMETER?
      S3    27183   S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
                    SET???()UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
? s (save? ? or saving or store? ? or keep??? or storing)(5n)·(file? ? or
record? ? or data? ? or information?? or content? ? or info)
Processing
           134754   SAVE? ?
           205280   SAVING
          1399196   STORE? ?
           338156   KEEP???
           680854   STORING
           187000   FILE? ?
           450424   RECORD? ?
          2044846   DATA? ?
          2264937   INFORMATION??
           925581   CONTENT? ?
              840   INFO
      S4   710987   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
                    STORING)(5N)(FILE? ? OR RECORD? ? OR DATA? ? OR
                    INFORMATION?? OR CONTENT? ? OR INFO)
? s (wait??? or idle? ? or idling or laten? or paus??? or suspen? or delay?
or hibernat? or schedul? or sleep?)(3n)(condition? or state or term? ? or
event? ? or phase? ? or status?? or time? ? or position? or cycle? or
period?)
>>>File 350 processing for POSITION? stopped at POSITIONIERVORSPRUNGS
Processing
Processing
            69629   WAIT???
            64454   IDLE? ?
            21707   IDLING
            91818   LATEN?
            14646   PAUS???
           455645   SUSPEN?
           314872   DELAY?
              469   HIBERNAT?
            55671   SCHEDUL?
            33706   SLEEP?
          1564717   CONDITION?
          2044757   STATE
           180628   TERM? ?
           131883   EVENT? ?
           815525   PHASE? ?
            91431   STATUS??
          3695438   TIME? ?
          3321322   POSITION?
           345362   CYCLE?
           842546   PERIOD?
      S5   228128   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
                    SUSPEN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
                    SLEEP?)(3N)(CONDITION? OR STATE OR TERM? ? OR EVENT? ? OR
                    PHASE? ? OR STATUS?? OR TIME? ? OR POSITION? OR CYCLE? OR
                    PERIOD?)
? s s5(5n)(while or along()"with" or simultan? or still or during or despite
or concurrent? or when)
Processing
```

```
Processing
         228128    S5
        2117951    WHILE
        1509132    ALONG
       10372958    WITH
         119980    ALONG(W)WITH
         628337    SIMULTAN?
         141577    STILL
        1928116    DURING
          26996    DESPITE
          46500    CONCURRENT?
        5267592    WHEN
   S6    36009     S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
                   DURING OR DESPITE OR CONCURRENT? OR WHEN)
? s (second or secondary or test??? or 2nd or another? or two or more(2n)one
or additional or 2)(3n)(application? ? or program? or function? or task? ? or
command? or instruct? or process? or order?)
>>>File 350 processing for PROGRAM? stopped at PROGRAMMIERUNGSKREIS
Processing
Processing
Processing
Processing
Processing
        2693978    SECOND
         369895    SECONDARY
         862312    TEST???
         180752    2ND
        1061992    ANOTHER?
        3335827    TWO
        2090196    MORE
        5810290    ONE
         676307    MORE(2N)ONE
         457698    ADDITIONAL
       10037113    2
        1143866    APPLICATION? ?
         728240    PROGRAM?
        1300092    FUNCTION?
          37667    TASK? ?
         426851    COMMAND?
         281325    INSTRUCT?
        4939121    PROCESS?
         968206    ORDER?
   S7   864914     (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO
                   OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
                   PROGRAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT?
                   OR PROCESS? OR ORDER?)
? s s7(5n)(process? or execut? or handl? or operat? or implement? or enact?
or perform? or run or runs or running)
Processing
Processing
         864914    S7
        4939121    PROCESS?
         641393    EXECUT?
         572464    HANDL?
        4104861    OPERAT?
         244549    IMPLEMENT?
            411    ENACT?
```

```
           2453512   PERFORM?
            199265   RUN
             87409   RUNS
            308549   RUNNING
      S8    569115   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
                     IMPLEMENT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR
                     RUNNING)
```

? s (receiv? or accept? or acquir? or download? or get? ? or retriev? or
access?)(7n)(data or info or information?? or file? ? or record? ? or
content? ? or command? ? or request?)
Processing
Processing

```
           2437427   RECEIV?
            255569   ACCEPT?
            197242   ACQUIR?
             32044   DOWNLOAD?
             89701   GET? ?
            156981   RETRIEV?
            580298   ACCESS?
           2044716   DATA
               840   INFO
           2264937   INFORMATION??
            187000   FILE? ?
            450424   RECORD? ?
            925581   CONTENT? ?
            399007   COMMAND? ?
            277545   REQUEST?
      S9    868436   (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ? OR
                     RETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
                     FILE? ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR
                     REQUEST?)
```

? s s7(7n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)

```
            864914   S7
            397717   NEXT
            460470   LATER?
           1576841   FOLLOW?
            748267   ENSU???
           2426371   AFTER
             88297   COMING
            429628   SUBSEQUEN?
            278624   CONSEQUENT?
               350   FORTHCOMING
      S10    40038   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
                     COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
```

? ds

```
Set      Items    Description
S1       439364   (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR AGGREGA-
                  T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR REGION-
                  ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       699666   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(7N)(-
                  MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM OR -
                  PROM OR EPROM OR EEPROM OR MOSFET)
S3        27183   S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR SET???()-
                  UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4       710987   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
```

```
              FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
              OR INFO)
S5     228128   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
              EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
              ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
              TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      36009   S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR DUR-
              ING OR DESPITE OR CONCURRENT? OR WHEN)
S7     864914   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
              OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
              RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
              ESS? OR ORDER?)
S8     569115   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
              NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9     868436   (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ? OR R-
              ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR FILE?
              ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10     40038   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
              MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
? s s1 and s3
         439364   S1
          27183   S3
    S11     3554   S1 AND S3
? s s11 and (s2 or s4) and s5:s6
           3554   S11
         699666   S2
         710987   S4
         228128   S5:S6
    S12     101   S11 AND (S2 OR S4) AND S5:S6
? s (s2 or s4)(5n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)
         699666   S2
         710987   S4
         397717   NEXT
         460470   LATER?
        1576841   FOLLOW?
         748267   ENSU???
        2426371   AFTER
          88297   COMING
         429628   SUBSEQUEN?
         278624   CONSEQUENT?
            350   FORTHCOMING
    S13   49568   (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
              AFTER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR
              FORTHCOMING)
? ds

Set     Items   Description
S1     439364   (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR AGGREGA-
              T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR REGION-
              ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2     699666   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(7N)(-
              MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM OR -
              PROM OR EPROM OR EEPROM OR MOSFET)
S3      27183   S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR SET???()-
              UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4     710987   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
```

```
              FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
              OR INFO)
S5     228128    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
              EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
              ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
              TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      36009    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR DUR-
              ING OR DESPITE OR CONCURRENT? OR WHEN)
S7     864914    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
              OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
              RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
              ESS? OR ORDER?)
S8     569115    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
              NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9     868436    (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ? OR R-
              ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR FILE?
              ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10     40038    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
              MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11      3554    S1 AND S3
S12       101    S11 AND (S2 OR S4) AND S5:S6
S13     49568    (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFT-
              ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
? s s12 and s8 and s13
              101    S12
           569115    S8
            49568    S13
     S14        3    S12 AND S8 AND S13
? t 14/k/all
```

Connections:
  6. DIALOG(R) Document Delivery
  7. Data Star(R)

    /H = Help   /L = Logoff   /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
 service. Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?

        18jul07 13:16:27 User276825 Session D840.1
            $0.00   0.251 DialUnits FileHomeBase
    $0.00 Estimated cost FileHomeBase
    $0.00 Estimated cost this search
    $0.00 Estimated total session cost   0.251 DialUnits

SYSTEM:OS - DIALOG OneSearch
  File 348:EUROPEAN PATENTS 1978-2007/ 200728
        (c) 2007 European Patent Office
*File 348: **For important information about IPCR/8 and forthcoming**
changes to the IC= index, see,HELP NEWSIPCR.
  File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
        (c) 2007 WIPO/Thomson
*File 349: **For important information about IPCR/8 and forthcoming**
changes to the IC= index, see HELP NEWSIPCR.

      Set Items Description
      --- ----- -----------
? s (integrat?()circuit? or icchip? or (microprocessor? or micro or ic or
computer? or semiconductor?)()chip? ? or circuit? or ic or chip? ?)
? s s1(5n)(block? ? or region?? or area? ? or cells or unit or units)
!

You are now logged offTrying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog ********
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS? ********
Welcome to DIALOG

Status: Login successfulDialog level 05.17.01D

Reconnected in file OS 18jul07 13:16:45
* * *

SYSTEM:OS - DIALOG OneSearch
  File 348:EUROPEAN PATENTS 1978-2007/ 200728
        (c) 2007 European Patent Office
*File 348: For important information about IPCR/8 and forthcoming

changes to the IC= index, see HELP NEWSIPCR.
   File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
         (c) 2007 WIPO/Thomson
*File 349: For important information about IPCR/8 and forthcoming
changes to the IC= index, see HELP NEWSIPCR.

        Set Items Description
        --- ----- -----------
Cost is in DialUnits
?
Terminal set to DLINK
? ds
>>>No sets currently exist
? s (integrat?()circuit? or icchip? or (microprocessor? or micro or ic or
computer? or semiconductor?)()chip? ? or circuit? or ic or chip? ?)
>>>File 348 processing for COMPUTER? stopped at COMPUTERSYSTEMSCHUTZ
Processing
>>>File 349 processing for COMPUTER? stopped at COMPUTERSICH
Processing
        467657 INTEGRAT?
        618007 CIRCUIT?
        126972 INTEGRAT?(W)CIRCUIT?
            25 ICCHIP?
        126196 MICROPROCESSOR?
        241077 MICRO
        178278 IC
        469122 COMPUTER?
        189447 SEMICONDUCTOR?
        190986 CHIP? ?
         24873 ((((MICROPROCESSOR? OR MICRO) OR IC) OR COMPUTER?) OR
                SEMICONDUCTOR?)(W)CHIP? ?
        618007 CIRCUIT?
        178278 IC
        190986 CHIP? ?
     S1 799393 (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
                MICRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
                CIRCUIT? OR IC OR CHIP? ?)
? s s1(5n)(block? ? or region?? or area? ? or cells or unit or units)
Processing
Processing
        799393 S1
        698049 BLOCK? ?
        639755 REGION??
        959212 AREA? ?
        345330 CELLS
        821322 UNIT
        450289 UNITS
     S2 146783 S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
                OR UNITS)
? s s2(3n)(plural? or multi? or several or many or group? or aggregat? or
numerous or cluster? or various)
>>>File 348 processing for MULTI? stopped at MULTIDEMENSIONAL
Processing
>>>File 349 processing for MULTI? stopped at MULTICINETUS
>>>File 349 processing for GROUP? stopped at GROUPOMENT
        146783 S2
        914225 PLURAL?

```
        407722   MULTI?
        839966   SEVERAL
        895640   MANY
        885974   GROUP?
        126906   AGGREGAT?
        293156   NUMEROUS
         68560   CLUSTER?
       1196569   VARIOUS
  S3     11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
                 AGGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
? s s2(5n)(memor? or storag? or EDRAM or RAM or ROM or DRAM or SDRAM or PROM
or EPROM or EEPROM or MOSFET)
        146783   S2
        402047   MEMOR?
        483522   STORAG?
           165   EDRAM
        134863   RAM
        170146   ROM
         21281   DRAM
          5124   SDRAM
         13223   PROM
         21000   EPROM
         31438   EEPROM
         15410   MOSFET
  S4     16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR. RAM OR ROM OR DRAM
                 OR SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
? s (wait??? or idle? ? or idling or laten? or paus??? or suspen? or delay?
or hibernat? or schedul? or sleep?)(3n)(condition? or state or term? ? or
event? ? or phase? ? or status?? or time? ? or position? or cycle? or
period?)
>>>File 348 processing for POSITION? stopped at POSITIONIERUNGSEINSTELLUNG
Processing
Processing
>>>File 349 processing for SUSPEN? stopped at SUSPENSION1S
>>>File 349 processing for POSITION? stopped at POSITIONIERSTRECKEN
>>>File 349 processing for PERIOD? stopped at PERIODWAS
Processing
Processing
        108961   WAIT???
         56855   IDLE? ?
          8655   IDLING
         65819   LATEN?
         28430   PAUS???
        444271   SUSPEN?
        259727   DELAY?
           954   HIBERNAT?
         84927   SCHEDUL?
         30716   SLEEP?
       1116059   CONDITION?
       1004225   STATE
        814920   TERM? ?
        542570   EVENT? ?
       1478007   PHASE? ?
        152848   STATUS??
       1576070   TIME? ?
       1285450   POSITION?
        413509   CYCLE?
```

```
           796078    PERIOD?
    S5     205569    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
                     SUSPEN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
                     SLEEP?)(3N)(CONDITION? OR STATE OR TERM? ? OR EVENT? ? OR
                     PHASE? ? OR STATUS?? OR TIME? ? OR POSITION? OR CYCLE? OR
                     PERIOD?)
? s (save? ? or saving or store? ? or keep??? or storing)(5n)(file? ? or
record? ? or data? ? or information?? or content? ? or info)
Processing
Processing
           112511    SAVE? ?
            72469    SAVING
           648995    STORE? ?
           362446    KEEP???
           284292    STORING
          1038745    FILE? ?
           159574    RECORD? ?
           810673    DATA? ?
           750082    INFORMATION??
           618494    CONTENT? ?
            14042    INFO
    S6     292336    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
                     STORING)(5N)(FILE? ? OR RECORD? ? OR DATA? ? OR
                     INFORMATION?? OR CONTENT? ? OR INFO)
? s (second or secondary or test??? or 2nd or another? or two or more(2n)one
or additional or 2)(3n)(application? ? or program? or function? or task? ? or
command? or instruct? or process? or order?)
>>>File 348 processing for PROGRAM? stopped at PROGRAMMFUNKTIONSTASTEN
Processing
Processing
Processing
Processing
Processing
Processing
>>>File 349 processing for ANOTHER? stopped at ANOTHERPHARMACEUTICALLY
>>>File 349 processing for PROGRAM? stopped at PROGRAMMGESTEUERTEN
>>>File 349 processing for FUNCTION? stopped at FUNCTIONLAAA
>>>File 349 processing for PROCESS? stopped at PROCESSINGBEGINSFOREACHPERIO
   D
Processing
Processing
Processing
Processing
Processing
Processing
          1484241    SECOND
           293002    SECONDARY
           672623    TEST???
            67202    2ND
          1475113    ANOTHER?
          1694812    TWO
          1712167    MORE
          2164601    ONE
           990776    MORE(2N)ONE
           885882    ADDITIONAL
          2438864    2
          3006267    APPLICATION? ?
```

```
        448794    PROGRAM?
       1098923    FUNCTION?
        136031    TASK? ?
        458864    COMMAND?
        266853    INSTRUCT?   .
       1517996    PROCESS?
       1329578    ORDER?
   S7   873662    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO
                  OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
                  PROGRAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT?
                  OR PROCESS? OR ORDER?)
```
? s s7(5n)(process? or execut? or handl? or operat? or implement? or enact?
or perform? or run or runs or running)
>>>File 348 processing for OPERAT? stopped at OPERATIONSUNTIL
Processing
>>>File 349 processing for PROCESS? stopped at PROCESSINGBEGINSFOREACHPERIO
  D
>>>File 349 processing for HANDL? stopped at HANDLLNST
>>>File 349 processing for OPERAT? stopped at OPERATIONOFTHEMEMORYMODULESIO
  8
Processing
Processing
```
        873662    S7
       1517996    PROCESS?
        317079    EXECUT?
        439604    HANDL?
       1348670    OPERAT?
        439738    IMPLEMENT?
          2687    ENACT?
       1147062 .  PERFORM?
        306327    RUN
        133362    RUNS
        239044    RUNNING
   S8   510596    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
                  IMPLEMENT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR
                  RUNNING)
```
? s s6(7n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)
>>>File 349 processing for FOLLOW? stopped at FOLLOWINGMUTAGENESISTHECELLSW
  EREALLOWEDTORECOV
Processing
```
        292336    S6
        615135    NEXT
        761203    LATER?
       1531776    FOLLOW?
        653589    ENSU???
       1395014    AFTER
        122729    COMING
        740793    SUBSEQUEN?
        422128    CONSEQUENT?
          3061    FORTHCOMING
   S9    52380    S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
                  COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
```
? s s7(7n)(next or later? or follow? or ensu??? or after or coming or
subsequen? or consequent? or forthcoming)
>>>File 349 processing for FOLLOW? stopped at FOLLOWINGMUTAGENESISTHECELLSW
  EREALLOWEDTORECOV

```
Processing
          873662  S7
          615135  NEXT
          761203  LATER?
         1531776  FOLLOW?
          653589  ENSU???
         1395014  AFTER
          122729  COMING
          740793  SUBSEQUEN?
          422128  CONSEQUENT?
            3061  FORTHCOMING
    S10   100260  S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
                  COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
? s s6(7n)(reload? or re()load??? or (load??? or add??? or inclu? or
supply?)(2n)again
>>>Unmatched parentheses
?
? Sending Break...
?
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES
? s s6(7n)(reload? or re()load??? or (deliver? or send??? or sent or
distribut? or transfer? or beam??? or load??? or add??? or inclu? or
supply?)(2n)(again or repeat? or iterat? or re))
>>>File 348 processing for TRANSFER? stopped at TRANSFERRINMOLEKULEN
Processing
>>>File 349 processing for TRANSFER? stopped at TRANSFEROPTICELEMENT8LOBETW
  EENTHESKIMMERCONE8L
>>>File 349 processing for INCLU? stopped at INCLUDESAMATINGCONNECTOR4LO
Processing
Processing
          292336  S6
           10972  RELOAD?
          498468  RE
          602178  LOAD???
            1464  RE(W)LOAD???
          420779  DELIVER?
          277806  SEND???
          235754  SENT
          623002  DISTRIBUT?
          838080  TRANSFER?
          237541  BEAM???
          602178  LOAD???
          968399  ADD???
         1641783  INCLU?
          520000  SUPPLY?
          628616  AGAIN
          564586  REPEAT?
           57223  ITERAT?
          498468  RE
           76326  ((((((((((DELIVER? OR SEND???) OR SENT) OR DISTRIBUT?) OR
                  TRANSFER?) OR BEAM???) OR LOAD???) OR ADD???) OR INCLU?)
                  OR SUPPLY?)...
    S11      888  S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND??? OR
                  SENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR
                  ADD??? OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR
                  ITERAT? OR RE))
? ds
```

```
Set       Items    Description
S1        799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR MIC-
                   RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                   OR IC OR CHIP? ?)
S2        146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT OR
                   UNITS)
S3         11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR A-
                   GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4         16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR
                   SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5        205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                   EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                   ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
                   TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6        292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
                   FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
                   OR INFO)
S7        873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                   OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                   RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                   ESS? OR ORDER?)
S8        510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                   NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9         52380   S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                   MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10       100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                   MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11          888   S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND??? OR S-
                   ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR ADD???
                   OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR RE))
? s s5(100n)s6(100n)s2
          205569   S5
          292336   S6
          146783   S2
     S12     824   S5(100N)S6(100N)S2
? s s12(100n)s8:s7(100n)s11(100n)s10
>>>Ending index less than beginning index
? s s12(100n)(s8:s7(100n)s11(100n)s10)
>>>Ending index less than beginning index
? s s12(100n)(s8:s7(100n)s10(100n)s11)
>>>Ending index less than beginning index
? ds

Set       Items    Description
S1        799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR MIC-
                   RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR CIRCUIT?
                   OR IC OR CHIP? ?)
S2        146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT OR
                   UNITS)
S3         11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR A-
                   GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4         16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR
                   SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5        205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR SUSP-
                   EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR SLEEP?)(3N)(CONDITI-
                   ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR
```

```
           TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR STORING)(5N)(-
                 FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR CONTENT? ?
                 OR INFO)
S7      873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR PROC-
                 ESS? OR ORDER?)
S8      510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       52380   S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10     100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11        888   S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND??? OR S-
                 ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR ADD???
                 OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR RE))
S12        824   S5(100N)S6(100N)S2
? save temp reload
```

```
Set     Items    Description
S1      799393   (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                 RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                 OR IC OR CHIP? ?)
S2      146783   S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELLS OR UNIT
OR
                 UNITS)
S3       11694   S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP?
OR A-
                 GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4       16815   S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM
OR
                 SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5      205569   (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                 EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                 ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                 TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6      292336   (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                 FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                 OR INFO)
S7      873662   (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                 ESS? OR ORDER?)
S8      510596   S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       52380   S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10     100260   S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11        888   S6(7N)(RELOAD? OR RE()LOAD??? OR (DELIVER? OR SEND???
OR S-
                 ENT OR DISTRIBUT? OR TRANSFER? OR BEAM??? OR LOAD??? OR
ADD???
                 OR INCLU? OR SUPPLY?)(2N)(AGAIN OR REPEAT? OR ITERAT? OR
RE))
S12        824   S5(100N)S6(100N)S2
S13          2   S12(100N)(S7:S8(100N)S10(100N)S11)
S14        822   S12 NOT S13
S15      58876   (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                 OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                 )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

```
MI-
         CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
             OR IC OR CHI
S16·      63    S14(100N)S15
S17       40    S16 NOT (AD>1997 OR AD=1998:2007)
S18      759    S14 NOT S16
S19        1    S18(100N)S8(100N)S11
File 348:EUROPEAN PATENTS 1978-2007/ 200728
       (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
       (c) 2007 WIPO/Thomson
```

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et      Items    Description
S1      601627    (PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP? OR
AGGREGA-
                 T? OR NUMEROUS OR CLUSTER? OR VARIOUS)(5N)(BLOCK? ? OR
REGION-
                 ?? OR AREA? ? OR CELLS OR UNIT OR UNITS)
S2       50471    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(7N)(-
                 . MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM OR SDRAM
OR -
                 PROM OR EPROM OR EEPROM OR MOSFET)
S3         840    S2(5N)(CONFIGUR? OR PRECONFIG? OR PRE()CONFIG? OR
SET???()-
                 UP? ? OR ARRANG? OR ORIENT? OR PARAMETER?)
S4      118880    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                 FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                 OR INFO)
S5      403085    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                 EN? OR DELAY? OR HIBERNAT? OR SCHEDUL? OR
SLEEP?)(3N)(CONDITI-
                 ON? OR STATE OR TERM? ? OR EVENT? ? OR PHASE? ? OR
STATUS?? OR
                 TIME? ? OR POSITION? OR CYCLE? OR PERIOD?)
S6       25734    S5(5N)(WHILE OR ALONG()"WITH" OR SIMULTAN? OR STILL OR
DUR-
                 ING OR DESPITE OR CONCURRENT? OR WHEN)
S7     2221987    (SECOND OR SECONDARY OR TEST??? OR 2ND OR ANOTHER? OR
TWO -
                 OR MORE(2N)ONE OR ADDITIONAL OR 2)(3N)(APPLICATION? ? OR
PROG-
                 RAM? OR FUNCTION? OR TASK? ? OR COMMAND? OR INSTRUCT? OR
PROC-
                 ESS? OR ORDER?)
S8      705592    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                 NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9      657016    (RECEIV? OR ACCEPT? OR ACQUIR? OR DOWNLOAD? OR GET? ?
OR R-
                 ETRIEV? OR ACCESS?)(7N)(DATA OR INFO OR INFORMATION?? OR
FILE?
                 ? OR RECORD? ? OR CONTENT? ? OR COMMAND? ? OR REQUEST?)
S10      68728    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                 MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11         26    S1 AND S3
S12         11    RD  (unique items)
S13         39    S1 AND (S2 OR S4) AND S5:S6
S14         15    S13 NOT (PY>1997 OR PY=1998:2007)
S15         11    RD  (unique items)
S16      39697    (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
                 OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG??? ?) OR
REBUIL?-
                 )(7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
```

```
MI-
            CRO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
               OR IC OR CHI
S17       5116   (S2 OR S4)(5N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR
AFT-
            ER OR COMING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S18          0   S16 AND S5 AND S8 AND S17 AND S9 AND (S10 OR S7:S8)
S19         48   S16 AND S9 AND (S10 OR S7:S8)
S20          0   S19 AND S5
File    2:INSPEC 1898-2007/Jul W2
           (c) 2007 Institution of Electrical Engineers
File    6:NTIS 1964-2007/Jul W4
           (c) 2007 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1884-2007/Jul W2
           (c) 2007 Elsevier Eng.  Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2007/Jul W4
           (c) 2007 The Thomson Corp
File   35:Dissertation Abs Online 1861-2007/Jul
           (c) 2007 ProQuest Info&Learning
File   56:Computer and Information Systems Abstracts 1966-2007/Jul
           (c) 2007 CSA.
File   60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jul
           (c) 2007 CSA.
File   62:SPIN(R) 1975-2007/Jul W1
           (c) 2007 American Institute of Physics
File   65:Inside Conferences 1993-2007/Jul 19
           (c) 2007 BLDSC all rts. reserv.
File   95:TEME-Technology & Management 1989-2007/Jul W3
           (c) 2007 FIZ TECHNIK
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Jun
           (c) 2007 The HW Wilson Co.
File  111:TGG Natl.Newspaper Index(SM) 1979-2007/Jul 13
           (c) 2007 The Gale Group
File  144:Pascal 1973-2007/Jul W2
           (c) 2007 INIST/CNRS
File  239:Mathsci 1940-2007/Aug
           (c) 2007 American Mathematical Society
File  256:TecInfoSource 82-2007/Aug
           (c) 2007 Info.Sources Inc
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 2006 The Thomson Corp
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
           (c) 2002 The Gale Group
```

```
Set      Items    Description
S1     3145191    (INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR? OR
MIC-
                  RO OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT?
                  OR IC OR CHIP? ?)
S2      294233    S1(5N)(BLOCK? ? OR REGION?? OR AREA? ? OR CELL OR CELLS
OR
                  UNIT OR UNITS)
S3       21702    S2(3N)(PLURAL? OR MULTI? OR SEVERAL OR MANY OR GROUP?
OR A-
                  GGREGAT? OR NUMEROUS OR CLUSTER? OR VARIOUS)
S4       35976    S2(5N)(MEMOR? OR STORAG? OR EDRAM OR RAM OR ROM OR DRAM
OR
                  SDRAM OR PROM OR EPROM OR EEPROM OR MOSFET)
S5      285586    (WAIT??? OR IDLE? ? OR IDLING OR LATEN? OR PAUS??? OR
SUSP-
                  EN? OR DELAY? OR ELAPS? OR STAGGER? OR INTERMITT? OR
SCHEDUL?
                  OR INCREMENT? OR DECREMENT?)(3N)(CONDITION? OR STATE OR
TERM?
                  ? OR EVENT? ? OR PHASE? ? OR STATUS?? OR TIME? ? OR
POSITION?
                  OR CYCLE? O
S6      709724    (SAVE? ? OR SAVING OR STORE? ? OR KEEP??? OR
STORING)(5N)(-
                  FILE? ? OR RECORD? ? OR DATA? ? OR INFORMATION?? OR
CONTENT? ?
                  OR INFO)
S7      884029    (SECOND OR SECONDARY OR COUPLE OR 2ND OR DUAL OR
ANOTHER? -
                  OR TWIN OR TWO OR DIFFERENT OR PAIR OR MORE(2N)ONE OR
ADDITIO-
                  NAL OR 2)(3N)(APPLICATION? ? OR PROGRAM? OR FUNCTION? OR
TASK?
                  ? OR COMMAND? OR INSTRUCT? OR PROCESS? OR ORDER?)
S8      575444    S7(5N)(PROCESS? OR EXECUT? OR HANDL? OR OPERAT? OR
IMPLEME-
                  NT? OR ENACT? OR PERFORM? OR RUN OR RUNS OR RUNNING)
S9       37189    S6(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S10      39093    S7(7N)(NEXT OR LATER? OR FOLLOW? OR ENSU??? OR AFTER OR
CO-
                  MING OR SUBSEQUEN? OR CONSEQUENT? OR FORTHCOMING)
S11       1036    S6(7N)(RELOAD? OR RE()LOAD??? OR (LOAD??? OR ADD??? OR
INC-
                  LU? OR SUPPLY? OR DELIVER? OR SEND??? OR SENT OR
DISTRIBUT? OR
                  TRANSFER? OR TRANSMI? OR BEAM???)(3N)(AGAIN OR REPEAT? OR
IT-
                  ERAT?))
S12       9822    S6 AND S4
S13        133    S12 AND S8 AND S9
S14          0    S13 AND S11 AND S10
S15       4892    S8 AND S9
S16          7    S15 AND S11 AND S10
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S17          3   S1 AND S16
S18     137256   (REPAIR? OR FIX OR FIXE? ? OR FIXING OR PATCH? OR
RESTOR? -
             OR CORRECT? OR DEBUG? OR DE()(BUG? ? OR BUGG???) OR
REBUIL?)(-
             7N)(INTEGRAT?()CIRCUIT? OR ICCHIP? OR (MICROPROCESSOR OR
MICRO
             OR IC OR COMPUTER? OR SEMICONDUCTOR?)()CHIP? ? OR
CIRCUIT? OR
             IC OR CHIP?
S19          0   S18 AND S3 AND S5 AND S8 AND S11
S20         13   S18 AND S3 AND S5 AND S8
S21         14   S18 AND S11
S22          3   S21 AND S8
S23          2   S17 NOT S22
S24         13   S20 NOT S21
S25         29   S21 OR S23 OR S24
S26         26   S25 NOT S17
S27          5   S26 AND AC=US/PR AND AY=(1998:2007)/PR
S28          8   S26 AND AC=US AND AY=1998:2007
S29          5   S26 AND AC=US AND AY=(1998:2007)/PR
S30         14   S26 AND PY=1998:2007
S31         14   S27:S30
S32         12   S26 NOT S31
File 350:Derwent WPIX 1963-2007/UD=200743
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
         (c) 2007 JPO & JAPIO
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